

AMENDMENT TO SPECIFICATION

Please replace the paragraph beginning on page 12 line 27 of the specification as filed with the following:

B. The Sequence Of hTR

Human genomic DNA encoding hTR has been cloned, sequenced and placed on deposit. A lambda clone designated "28-1" contains an ~ 15 kb insert containing human telomerase RNA component gene sequences. Clone 28-1 was deposited with the American Type Culture Collection pursuant to the Budapest Treaty and granted accession number ATCC 75925. Plasmid pGRN33 contains an ~ 2.5 kb HindIII-SacI insert containing sequences from lambda clone 28-1 that contain the sequence of hTR. Plasmid pGRN33 was deposited with the American Type Culture Collection pursuant to the Budapest Treaty and granted accession number ATCC 75926. A PstI fragment of the ~ 2.4 kb SauIII A1-HindIII fragment of clone 28-1 also contains the hTR sequence. The sequence of the PstI fragment is provided in SEQ ID NO:1, below. The nucleotides of hTR are indicated above the sequence indicated by stars and numbered 1 to 451. The sequence of hTR contained within SEQ ID NO:1 is separately set forth in SEQ ID NO:16. The template region is underlined.

Please replace Table 1 on page 28 of the specification and with the following:

Table 1

Oligo #	Sequence	RnaseH Digestion?	Capture? (2 'Ome)	Activity on beads	NB ref GLN -21
14	5' CGT TCC TCT TCC TGC GGC CTG AAA CGG TGA 3' (SEQ ID NO. 2)	yes			73
14ab	5' CGT TCC TCT TCC TGC GGC CT 3' (SEQ ID NO. 3)	yes	yes	yes	92
14bc	5' CCT GCG GCC TGA AAC GGT GA 3' (SEQ ID NO. 37 15)	no	NA	NA	92
14d	5' CGT TCC TCT TCC 3' (SEQ ID NO. 4)	yes	yes	yes	106
16	5' CTG ACA GAG CCC AAC TCT TCG CGG TGG CAG 3' (SEQ ID NO. 5)	yes			73
16ab	5' CTG ACA GAG CCC AAC TCT TC 3' (SEQ ID NO. 6)	yes	yes	no	92
16bc	5' CCA ACT CTT CGC GGT GGC AG 3' (SEQ ID NO. 7)	yes	yes	NT	92
21	5' GCT CTA GAA TGA ACG GTG GAA GGC GGC AGG 3' (SEQ ID NO. 8)	yes			73,13
21ab	5' GCT CTA GAA TGA ACG GTG G 3' (SEQ ID NO. 9)	yes	yes	*	177
21ab3	5' GCT CTA GAA TGA ACG 3' (SEQ ID NO. 10)	yes	NT	*	177
21ab2	5' GCT CTA GAA TG 3' (SEQ ID NO. 11)	yes	yes	NT	177
21ab1	5' GCT CTA G 3' (SEQ ID NO. 12)	yes	yes	yes	177
20/21	5' CAT TTT TTG TTT GCT CTA GA 3' (SEQ ID NO. 13)	yes	NT	NT	177

NA = not applicable

NT = not tested

* known to inhibit telomerase

REQUEST FOR ENTRY OF SUBSTITUTE SEQUENCE LISTING

Applicants submit herewith substitute computer readable form (CRF) and paper copies of a Sequence Listing for this application, and request entry of the paper copy of the Sequence Listing into the specification. Applicants request the deletion of any prior versions of sequence listings submitted in the application.

The information on the paper copy and the computer readable copy are the same.

The sequence data set forth in the Substitute Sequence Listing is taken from the data found in the application as filed on pages 13-14, 18, and Table 1 on page 28. Accordingly, no new matter is added into the disclosure as a result of entering this Substitute Sequence Listing.